Connecting via Winsock to STN

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Welcome to STN International! Enter x:x
LOGINID:ssspta1611bxv
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
* * * * * * * * * *
                     Welcome to STN International
NEWS
                 Web Page for STN Seminar Schedule - N. America
         JAN 02
                 STN pricing information for 2008 now available
NEWS
NEWS
         JAN 16
                 CAS patent coverage enhanced to include exemplified
                 prophetic substances
NEWS 4 JAN 28
                 USPATFULL, USPAT2, and USPATOLD enhanced with new
                 custom IPC display formats
                 MARPAT searching enhanced
NEWS 5 JAN 28
NEWS 6 JAN 28
                 USGENE now provides USPTO sequence data within 3 days
                 of publication
NEWS 7 JAN 28
                 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 8 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements
NEWS 9 FEB 08
                 STN Express, Version 8.3, now available
NEWS 10 FEB 20 PCI now available as a replacement to DPCI
NEWS 11 FEB 25 IFIREF reloaded with enhancements
NEWS 12 FEB 25 IMSPRODUCT reloaded with enhancements
NEWS 13 FEB 29
                 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
                 U.S. National Patent Classification
NEWS 14 MAR 31
                 IFICDB, IFIPAT, and IFIUDB enhanced with new custom
                 IPC display formats
NEWS 15 MAR 31
                 CAS REGISTRY enhanced with additional experimental
                 spectra
NEWS 16 MAR 31
                 CA/CAplus and CASREACT patent number format for U.S.
                 applications updated
NEWS 17 MAR 31
                 LPCI now available as a replacement to LDPCI
NEWS 18 MAR 31
                 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
                 STN AnaVist, Version 1, to be discontinued
NEWS 19 APR 04
NEWS 20 APR 15
                 WPIDS, WPINDEX, and WPIX enhanced with new
                 predefined hit display formats
NEWS 21
         APR 28
                 EMBASE Controlled Term thesaurus enhanced
NEWS 22 APR 28 IMSRESEARCH reloaded with enhancements
NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
             AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008
NEWS HOURS
               STN Operating Hours Plus Help Desk Availability
              Welcome Banner and News Items
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For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 09:15:18 ON 26 MAY 2008

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 09:15:32 ON 26 MAY 2008
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STRUCTURE FILE UPDATES: 25 MAY 2008 HIGHEST RN 1022542-36-4 DICTIONARY FILE UPDATES: 25 MAY 2008 HIGHEST RN 1022542-36-4

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

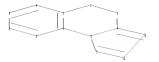
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>

 ${\tt Uploading C:\Program Files\Stnexp\Queries\10566311.str}$ 



```
ring nodes:
1 2 3 4 5 6 7 8 9 10 11 12 13
ring bonds:
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 9-11 10-13 11-12 12-13
exact/norm bonds:
5-7 6-10 7-8 8-9 9-10 9-11 10-13 11-12 12-13
normalized bonds:
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems:
containing 1:
```

G1:C,N

Match level:
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom

L1 STRUCTURE UPLOADED

=> d l1 L1 HAS NO ANSWERS L1 STR

G1 C,N

Structure attributes must be viewed using STN Express query preparation.

 $\Rightarrow$  s 11 sss sam

SAMPLE SEARCH INITIATED 09:15:53 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 180 TO ITERATE

100.0% PROCESSED 180 ITERATIONS 3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 2796 TO 4404 PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> d scan

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 3,5-dihydro-7-methyl-5-[4-(1-methylethyl)phenyl]methylene]-, (5Z)-, tetrafluoroborate(1-) (1:1)

MF C19 H20 N5 . B F4

CM 1

Double bond geometry as shown.

CM 2

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydroMF C8 H7 N5

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

MF C11 H11 N5 O

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> s l1 sss ful

FULL SEARCH INITIATED 09:16:14 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3742 TO ITERATE

100.0% PROCESSED 3742 ITERATIONS 67 ANSWERS

SEARCH TIME: 00.00.01

L3 67 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

FULL ESTIMATED COST 178.36 178.57

FILE 'CAPLUS' ENTERED AT 09:16:19 ON 26 MAY 2008
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FILE COVERS 1907 - 26 May 2008 VOL 148 ISS 22 FILE LAST UPDATED: 25 May 2008 (20080525/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> s 13

L4 13 L3

=> d 14 1-13 bib hitstr

- L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
- AN 2005:965882 CAPLUS
- DN 143:405885
- TI Selective synthesis and cycloaddition reactions of new azomethine imines containing a 1,2,4-triazine ring
- AU Grof, Csilla; Hegedus, Gabor; Riedl, Zsuzsanna; Hajos, Gyorgy; Egyed, Orsolya; Csampai, Antal; Kudar, Veronika; Stanovnik, Branko
- CS Chemical Research Center, Hungarian Academy of Sciences, Budapest, 1025, Hung.
- SO European Journal of Organic Chemistry (2005), (16), 3553-3561 CODEN: EJOCFK; ISSN: 1434-193X
- PB Wiley-VCH Verlag GmbH & Co. KGaA
- DT Journal
- LA English
- OS CASREACT 143:405885
- IT 77497-12-2 77497-35-9 656829-49-1

867296-16-0

RL: RCT (Reactant); RACT (Reactant or reagent)

(regioselective preparation and cycloaddn. reactions of azomethine imines of triazolobenzotriazines)

- RN 77497-12-2 CAPLUS
- CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro- (CA INDEX NAME)

- RN 77497-35-9 CAPLUS
- CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro-7-methyl- (CA INDEX NAME)

- RN 656829-49-1 CAPLUS
- CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 7-chloro-3,5-dihydro- (CA INDEX NAME)

RN 867296-16-0 CAPLUS CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro-7-methoxy- (CA INDEX NAME)

865696-34-0P 867295-93-0P 867295-95-2P ΙT 867295-97-4P 867296-01-3P 867296-03-5P 867296-05-7P 867296-13-7P 867296-15-9P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (regioselective preparation and cycloaddn. reactions of azomethine imines of triazolobenzotriazines) 865696-34-0 CAPLUS RN[1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 3,5-dihydro-5-[(4-CN methoxyphenyl) methylene]-7-methyl-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME) CM 1 865696-33-9 CRN CMF C17 H16 N5 O

CRN 14874-70-5 CMF B F4

CCI CCS

RN 867295-93-0 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 3,5-dihydro-5-[(4-methoxyphenyl)methylene]-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867295-92-9 CMF C16 H14 N5 O

CRN 14874-70-5

CMF B F4

RN 867295-95-2 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 7-chloro-3,5-dihydro-5-[(4-methoxyphenyl)methylene]-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867295-94-1 CMF C16 H13 C1 N5 O

CRN 14874-70-5

CMF B F4

RN 867295-97-4 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 7-chloro-3,5-dihydro-5-[(4-methylphenyl)methylene]-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867295-96-3 CMF C16 H13 C1 N5

CRN 14874-70-5 CMF B F4

CCI CCS

RN 867296-01-3 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 3,5-dihydro-7-methyl-5-[(4-methylphenyl)methylene]-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867296-00-2 CMF C17 H16 N5

CRN 14874-70-5 CMF B F4 CCI CCS

F-

RN 867296-03-5 CAPLUS
CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 5-([1,1'-biphenyl]-4-ylmethylene)-3,5-dihydro-7-methyl-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867296-02-4 CMF C22 H18 N5

CRN 14874-70-5 CMF B F4

CCI CCS

RN 867296-05-7 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 3,5-dihydro-7-methyl-5-[(2E)-3-phenyl-2-propen-1-ylidene]-, <math>(5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867296-04-6 CMF C18 H16 N5

CRN 14874-70-5

CMF B F4

CCI CCS

RN867296-13-7 CAPLUS

[1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 3,5-dihydro-7-methoxy-5-[(4-CN methoxyphenyl)methylene]-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867296-12-6 CMF C17 H16 N5 O2

Double bond geometry as shown.

2 CM

CRN 14874-70-5

CMF B F4 CCI CCS

RN 867296-15-9 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 3,5-dihydro-7-methoxy-5-[(4-methylphenyl)methylene]-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867296-14-8 CMF C17 H16 N5 O

Double bond geometry as shown.

CM 2

CRN 14874-70-5 CMF B F4

CCI CCS

IT 867295-99-6P 867296-07-9P 867296-09-1P

867296-11-5P

RL: SPN (Synthetic preparation); PREP (Preparation)

(regional ective preparation and cycloaddn, reactions of a

(regioselective preparation and cycloaddn. reactions of azomethine imines of triazolobenzotriazines)

RN 867295-99-6 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 7-chloro-3,5-dihydro-5-[(2E)-3-phenyl-2-propen-1-ylidene]-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867295-98-5 CMF C17 H13 C1 N5 Double bond geometry as shown.

CM 2

CRN 14874-70-5 CMF B F4 CCI CCS

RN 867296-07-9 CAPLUS
CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 3,5-dihydro-7-methyl-5-[(2E)-3-(4-nitrophenyl)-2-propen-1-ylidene]-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867296-06-8 CMF C18 H15 N6 O2

CRN 14874-70-5 CMF B F4 CCI CCS

RN 867296-09-1 CAPLUS
CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 5-[(4-chlorophenyl)methylene]-3,5-dihydro-7-methyl-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867296-08-0 CMF C16 H13 C1 N5

CRN 14874-70-5

CMF B F4

F-

-F-B-

RN 867296-11-5 CAPLUS

CN [1,2,4] Triazolo[3,4-c] [1,2,4] benzotriazinium, 3,5-dihydro-7-methyl-5-[4-(1-methylethyl) phenyl] methylene]-, (5Z)-, tetrafluoroborate(1-) (1:1) (CA INDEX NAME)

CM 1

CRN 867296-10-4

CMF C19 H20 N5

CRN 14874-70-5 CMF B F4 CCI CCS

RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
ANSWER 2 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
L4
     2005:743706 CAPLUS
ΑN
     143:347141
DN
     Regio- and stereoselective cycloadditions and further transformations of
TΙ
     azomethine imine derivatives of fused [1,2,4]triazines
     Grof, Csilla; Riedl, Zsuzsanna; Hajos, Gyoergy; Egyed, Orsolya; Csampai,
ΑU
     Antal; Stanovnik, Branko
     Chemical Research Center, Hungarian Academy of Sciences, Budapest, H-1025,
CS
     Hung.
SO
     Heterocycles (2005), 65(8), 1889-1902
     CODEN: HTCYAM; ISSN: 0385-5414
PΒ
     Japan Institute of Heterocyclic Chemistry
DT
     Journal
     English
LA
     CASREACT 143:347141
OS
ΙΤ
     865696-34-0
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (preparation of fused triazolinones and -thiones by regio- and
        stereoselective dipolar cycloaddn. of dihydrotriazolobenzotriazines
        with asym. dienophiles)
     865696-34-0 CAPLUS
RN
     [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazinium, 3,5-dihydro-5-[(4-
CN
     methoxyphenyl) methylene]-7-methyl-, (5Z)-, tetrafluoroborate(1-) (1:1)
     (CA INDEX NAME)
     CM
     CRN 865696-33-9
```

Double bond geometry as shown.

C17 H16 N5 O

CMF

CM 2

CRN 14874-70-5

CMF B F4

CCI CCS

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
ANSWER 3 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
L4
      2005:93780 CAPLUS
ΑN
DN
      142:176873
      Preparation and use of fused benzotriazines as herbicides or plant growth
ΤI
      regulators
ΙN
      Koehn, Armin; Giencke, Wolfgang; Helmke, Hendrik; Garcia, Marques Kenneth;
      Auler, Thomas; Hills, Martin; Hajos, Gyoergy; Riedl, Zsuzsanna; Feucht,
      Bayer Cropscience G.m.b.H., Germany
PA
SO
      Eur. Pat. Appl., 86 pp.
      CODEN: EPXXDW
DT
      Patent
      English
LA
FAN.CNT 1
                                                   APPLICATION NO.
                            KIND
                                                                               DATE
      PATENT NO.
                                      DATE
                                      _____
                                                    _____
                             ----
      EP 1502918
                                      20050202 EP 2003-17317
PΙ
                              A1
                                                                                20030731
          R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
               IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
      WO 2005014595
                              A1
                                     20050217
                                                 WO 2004-EP8010
                                                                               20040717
          W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
          RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
               AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
               SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
               SN, TD, TG
                                                    EP 2004-741122
      EP 1651650
                                      20060503
                                                                                20040717
                               Α1
              AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
               IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
      BR 2004013144
                              Α
                                      20061003
                                                    BR 2004-13144
                                                                                20040717
      JP 2007500675
                               Τ
                                      20070118
                                                    JP 2006-521455
                                                                                20040717
      US 20070042909
                                      20070222
                                                    US 2004-566311
                                                                                20040717
                              Α1
PRAI EP 2003-17317
                                      20030731
                              Α
      WO 2004-EP8010
                              W
                                      20040717
      CASREACT 142:176873; MARPAT 142:176873
OS
ΙT
      24478-29-3P 49739-45-9P 77497-12-2P
      RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
      (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
      (Uses)
          (preparation and use of fused benzotriazines as herbicides or plant growth
         regulators)
      24478-29-3 CAPLUS
RN
      s-Triazolo[3,4-c][1,2,4]benzotriazine-1-thiol, 4,5-dihydro- (8CI) (CA
CN
      INDEX NAME)
```

RN 49739-45-9 CAPLUS

CN Tetrazolo[5,1-c][1,2,4]benzotriazine, 1,5-dihydro- (CA INDEX NAME)

RN 77497-12-2 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro- (CA INDEX NAME)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

```
L4
    ANSWER 4 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
ΑN
    1985:6356 CAPLUS
    102:6356
DN
OREF 102:1155a,1158a
     Synthesis of novel imidazo[1,2-a][3,1]benzothiazines, imidazo[1,2-
     a][1,2,4]benzotriazines, and 4H-imidazo[2,3-c]pyrido[2,3-e][1,4]oxazines
ΑU
     Gauthier, Jean; Duceppe, Jean Simon
     Dep. Chem., Ayerst Res. Lab., Montreal, QC, H3C 3J1, Can.
CS
SO
     Journal of Heterocyclic Chemistry (1984), 21(4), 1081-6
     CODEN: JHTCAD; ISSN: 0022-152X
DT
     Journal
    English
LA
    CASREACT 102:6356
OS
     93765-22-1P
ΙT
     RL: SPN (Synthetic preparation); PREP (Preparation)
```

(preparation of)
RN 93765-22-1 CAPLUS
CN Imidazo[2,1-c][1,2,4]benzotriazine-2-carboxylic acid, 4,5-dibenzoyl-4,5-dihydro-, ethyl ester (CA INDEX NAME)

L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1981:425143 CAPLUS

DN 95:25143

OREF 95:4391a,4394a

TI Benzo-as-triazines

PA E. Gy. T. Gyogyszervegyeszeti Gyar, Hung.

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ΡI	JP 56008386	A	19810128	JP 1980-46323	19800410
	HU 20885	A2	19810928	HU 1979-EE2642	19790411
PRAI	HU 1979-EE2642	A	19790411		

IT 77497-12-2

RL: RCT (Reactant); RACT (Reactant or reagent)

(acetylation of) RN 77497-12-2 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro- (CA INDEX NAME)

IT 77497-13-3P 77497-16-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and analgesic activity of)

RN 77497-13-3 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(1-oxopropyl)- (9CI) (CA INDEX NAME)

RN 77497-16-6 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-1-(methylthio)-4,5-bis(1-oxopropyl)- (9CI) (CA INDEX NAME)

IT 77497-21-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation and antiinflammatory activity of)

RN 77497-21-3 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-diacetyl-4,5-dihydro-(9CI) (CA INDEX NAME)

IT 77497-11-1P 77497-22-4P 77497-26-8P

77497-27-9P 77497-28-0P 77497-30-4P

77497-31-5P 77497-33-7P 77497-34-8P

77509-10-5P 78057-56-4P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

RN 77497-11-1 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-1-(4-methyl-1-piperazinyl)-4,5-bis(1-oxopropyl)- (9CI) (CA INDEX NAME)

RN 77497-22-4 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 5-acetyl-3,5-dihydro- (9CI) (CA INDEX NAME)

RN 77497-26-8 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(phenylacetyl)- (9CI) (CA INDEX NAME)

RN 77497-27-9 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dibenzoyl-4,5-dihydro-(9CI) (CA INDEX NAME)

RN 77497-28-0 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-bis(chloroacetyl)-4,5-dihydro- (9CI) (CA INDEX NAME)

RN 77497-30-4 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(1-oxooctadecyl)- (9CI) (CA INDEX NAME)

$$N$$
 $N$ 
 $N$ 
 $N$ 
 $N$ 
 $C-(CH2)16-Me$ 
 $Me^-(CH2)16-C$ 
 $O$ 

RN 77497-31-5 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-1-(4-morpholinyl)-4,5-bis(1-oxopropyl)- (9CI) (CA INDEX NAME)

RN 77497-33-7 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine-4,5-dicarboxylic acid, 1-(4-methyl-1-piperazinyl)-, diethyl ester (9CI) (CA INDEX NAME)

RN 77497-34-8 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-7-methyl-4,5-bis(1-oxopropyl)- (9CI) (CA INDEX NAME)

RN 77509-10-5 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(3-pyridinylcarbonyl)-, dihydrochloride (9CI) (CA INDEX NAME)

## ● 2 HC1

RN 78057-56-4 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(1-oxo-3-phenyl-2-propenyl)- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ N & & & \\ N & & \\ N & & \\ N & & \\ C-CH = CH-Ph \\ & & \\ & & \\ Ph-CH = CH-C & O \\ & & \\ & & \\ O & & \\ \end{array}$$

IT 77497-14-4P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation, analgesic, and antiinflammatory activity of)

RN 77497-14-4 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro-5-(1-oxopropyl)-(9CI) (CA INDEX NAME)

```
ANSWER 6 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
T. 4
  1981:192385 CAPLUS
AN
  94:192385
DN
OREF 94:31481a,31484a
  Benzo-as-triazine derivatives
    E. Gy. T. Gyogyszervegyeszeti Gyar, Hung.
SO
    Neth. Appl., 22 pp.
    CODEN: NAXXAN
DT
    Patent
T.A
    Dutch
FAN.CNT 1
                                        APPLICATION NO.
    PATENT NO.
                      KIND
                             DATE
                                                              DATE
                      ____
                                        _____
    NL 8002120
                       A
                             19801014 NL 1980-2120
PΙ
                                                               19800411
    HU 21677
                       A2
                                       HU 1979-EE2646
                              19820128
                                                               19790411
    HU 179158
                       В
                             19820828
    US 4316022
                      A
                                        US 1980-135143
                             19820216
                                                               19800328
                             19801203 GB 1980-10792
    GB 2047693
                       Α
                                                               19800331
                       В
    GB 2047693
                             19830525
                       A3
    SU 1187722
                             19851023
                                        SU 1980-2902200
                                                               19800403
                                       BE 1980-9779
    BE 882675
                       A1
                              19801008
                                                               19800408
                                       DD 1980-220282
AU 1980-57301
    DD 150061
                       Α5
                              19810812
                                                               19800408
                       Α
    AU 8057301
                              19801016
                                                               19800410
                       B2
    AU 534271
                              19840112
                       A1
                                        FR 1980-8051
                                                               19800410
    FR 2453861
                             19801107
                       B1
    FR 2453861
                             19830624
                            19840713 CH 1980-2741
19801127 DE 1980-3014011
                      A5
    CH 644125
                                                               19800410
                      A1
                                                               19800411
    DE 3014011
                             19810416 ES 1980-490505
    ES 490505
                      A1
                                                               19800411
                             19850915
    AT 8001973
                      A
                                       AT 1980-1973
                                                               19800411
                       В
                            19860512
    AT 380255
                       A1 19860530 SU 1982-3393298
    SU 1234401
                                                              19820218
PRAI HU 1979-EE2646
                      A
                             19790411
OS
   MARPAT 94:192385
    77497-12-2 77497-32-6 77497-35-9
ΙT
    RL: RCT (Reactant); RACT (Reactant or reagent)
      (acvlation of)
RN
    77497-12-2 CAPLUS
CN
    [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro- (CA INDEX NAME)
```

RN 77497-32-6 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro-1-(4-methyl-1-piperazinyl)- (CA INDEX NAME)

RN 77497-35-9 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro-7-methyl- (CA INDEX NAME)

RN 77509-11-6 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro-1-(4-morpholinyl)-(CA INDEX NAME)

IT 77497-15-5P 77497-17-7P 77497-19-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and acylation of)

RN 77497-15-5 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 3,5-dihydro-1-(methylthio)-(CA INDEX NAME)

RN 77497-17-7 CAPLUS CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazin-1(2H)-one, 3,5-dihydro- (CA INDEX NAME)

RN 77497-19-9 CAPLUS CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazin-1(2H)-one, 7-chloro-3,5-dihydro-(CA INDEX NAME)

RN 77497-16-6 CAPLUS
CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-1-(methylthio)-4,5-bis(1-oxopropyl)- (9CI) (CA INDEX NAME)

RN 77497-22-4 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 5-acetyl-3,5-dihydro- (9CI) (CA INDEX NAME)

RN 77497-23-5 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(3-phenyl-2-propenyl)- (9CI) (CA INDEX NAME)

RN 77497-26-8 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(phenylacetyl)- (9CI) (CA INDEX NAME)

RN 77497-27-9 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dibenzoyl-4,5-dihydro-(9CI) (CA INDEX NAME)

RN 77497-28-0 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-bis(chloroacetyl)-4,5-dihydro- (9CI) (CA INDEX NAME)

RN 77497-29-1 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(3-pyridinylcarbonyl)- (9CI) (CA INDEX NAME)

RN 77497-30-4 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(1-oxooctadecyl)- (9CI) (CA INDEX NAME)

RN 77497-31-5 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-1-(4-morpholinyl)-4,5-bis(1-oxopropyl)- (9CI) (CA INDEX NAME)

RN 77497-33-7 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine-4,5-dicarboxylic acid,

1-(4-methyl-1-piperazinyl)-, diethyl ester (9CI) (CA INDEX NAME)

RN 77497-34-8 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-7-methyl-4,5-bis(1-oxopropyl)- (9CI) (CA INDEX NAME)

RN 77509-10-5 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(3-pyridinylcarbonyl)-, dihydrochloride (9CI) (CA INDEX NAME)

## ●2 HC1

IT 77497-21-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation, deacylation, and pharmacol. activity of)

RN 77497-21-3 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-diacetyl-4,5-dihydro-(9CI) (CA INDEX NAME)

IT 77497-13-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation, deacylation, and pharmol. activity of)

RN 77497-13-3 CAPLUS

CN [1,2,4]Triazolo[3,4-c][1,2,4]benzotriazine, 4,5-dihydro-4,5-bis(1-oxopropyl)- (9CI) (CA INDEX NAME)

ANSWER 7 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN L41979:419508 CAPLUS ΑN 91:19508 DN OREF 91:3253a,3256a Structure elucidation of tetrazolo[5,1-c]benzo-as-triazine. An interesting ternary equilibrium of tetrazole-azide systems Messmer, Andras; Hajos, Gyorgy; Tamas, Jozsef; Neszmelyi, Andras ΑU Cent. Res. Inst. Chem., Hung. Acad. Sci., Budapest, Hung. CS Journal of Organic Chemistry (1979), 44(11), 1823-5 SO CODEN: JOCEAH; ISSN: 0022-3263 DT Journal English LA 49739-45-9 ΙT RL: PRP (Properties) (mass spectrum of) RN49739-45-9 CAPLUS CN Tetrazolo[5,1-c][1,2,4]benzotriazine, 1,5-dihydro- (CA INDEX NAME)

L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1977:72583 CAPLUS

DN 86:72583

OREF 86:11503a,11506a

TI Heterocyclics, 151. Synthesis of azolo-1,2,4-triazines from heterocyclic diazo compounds

AU Gorjan, Slobodan; Klemenc, Barbka; Staric, Marija; Stanovnik, Branko; Tisler, Miha

CS Lab. Org. Chem., Univ. Ljubljana, Ljubljana, Yugoslavia

SO Monatshefte fuer Chemie (1976), 107(5), 1199-208 CODEN: MOCMB7; ISSN: 0026-9247

DT Journal

LA German

OS CASREACT 86:72583

IT 61639-48-3P 61639-61-0P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and rearrangement of)

RN 61639-48-3 CAPLUS

CN [1,2,4]Triazolo[5,1-c][1,2,4]benzotriazin-6-ol, 5-acetyl-1,5-dihydro-, acetate (ester) (9CI) (CA INDEX NAME)

RN 61639-61-0 CAPLUS

CN [1,2,4]Triazolo[5,1-c][1,2,4]benzotriazin-6-ol, 5-acetyl-1,5-dihydro-(9CI) (CA INDEX NAME)

L4ANSWER 9 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN ΑN 1975:125362 CAPLUS 82:125362 DN OREF 82:20027a,20030a TISynthesis of a tetrazolo-azido isomer pair isolated in crystalline form. Synthesis of pyrido[2,3-e]tetrazolo[5,1-c]-as-triazine, 3-azidopyrido[2,3-3]-as-triazine, tetrazolo[5,1-c]benzo-as-triazine, and pyrido[2,3-e]-5-triazolo[3,4-c]-as-triazine ΑU Messmer, Andras; Hajos, Andras; Benko, Pal; Pallos, Laszlo CS Kozp. Kem. Kut. Intez., Magy. Tud. Akad., Budapest, Hung. SO Magyar Kemiai Folyoirat (1974), 80(12), 527-30 CODEN: MGKFA3; ISSN: 0025-0155 DT Journal Hungarian LA 49739-45-9P ΙT RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)

Tetrazolo[5,1-c][1,2,4]benzotriazine, 1,5-dihydro- (CA INDEX NAME)

49739-45-9 CAPLUS

RN

CN

L4ANSWER 10 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN ΑN 1973:526460 CAPLUS 79:126460 DN OREF 79:20531a,20534a Novel crystalline tetrazolo-azido isomer pair. Pyrido[2,3-e]tetrazolo[5,1c]-as-triazine and 3-azidopyrido[2,3-e]-as-triazine. Synthesis of tetrazolo[5,1-c]benzo-as-triazine and pyrido[2,3-e]-s-triazolo[3,4-c]-astriazine ΑU Messmer, A.; Hajos, Gy.; Benko, P.; Pallos, L. CS Cent. Res. Inst. Chem., Hung. Acad. Sci., Budapest, Hung. SO Journal of Heterocyclic Chemistry (1973), 10(4), 575-8 CODEN: JHTCAD; ISSN: 0022-152X DT Journal English LA 49739-45-9P ΙT RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of) RN49739-45-9 CAPLUS

Tetrazolo[5,1-c][1,2,4]benzotriazine, 1,5-dihydro- (CA INDEX NAME)

CN

```
ANSWER 11 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
L4
    1970:12692 CAPLUS
ΑN
     72:12692
DN
OREF 72:2313a
    Chemistry of 1,2,4-triazine. X. Syntheses of condensed
     1,2,4-benzotriazines
     Sasaki, Tadashi; Murata, Masayoshi
ΑU
CS
     Univ. Nagoya, Nagoya, Japan
     Chemische Berichte (1969), 102(11), 3818-23
SO
     CODEN: CHBEAM; ISSN: 0009-2940
DT
    Journal
    German
LA
    CASREACT 72:12692
OS
ΙT
     24478-29-3P
     RL: SPN (Synthetic preparation); PREP (Preparation)
        (preparation of)
     24478-29-3 CAPLUS
RN
CN
     s-Triazolo[3,4-c][1,2,4]benzotriazine-1-thiol, 4,5-dihydro- (8CI) (CA
     INDEX NAME)
```

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ANSWER 12 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN
L4
    1967:473586 CAPLUS
ΑN
     67:73586
DN
OREF 67:13867a,13870a
     Chemistry of polyazaheterocyclic compounds. II. The [1,2,3]triazolo[5,1-
     c][1,2,4]benzotriazine ring system
ΑU
     Tennant, George
CS
     Queens Coll., Dundee, UK
     Journal of the Chemical Society [Section] C: Organic (1967), (14),
SO
     CODEN: JSOOAX; ISSN: 0022-4952
DT
     Journal
    English
LA
ΙT
     15866-40-7P 15866-41-8P 15866-43-0P
     15866-44-1P 15866-45-2P 16098-26-3P
     RL: SPN (Synthetic preparation); PREP (Preparation)
        (preparation of)
RN
     15866-40-7 CAPLUS
CN
     v-Triazolo[5,1-c][1,2,4] benzotriazine, 4,5-dihydro-3-phenyl- (8CI)
                                                                        (CA
     INDEX NAME)
```

RN 15866-41-8 CAPLUS
CN v-Triazolo[5,1-c][1,2,4]benzotriazine, 4,5-dihydro-7-methyl-3-phenyl(8CI) (CA INDEX NAME)

RN 15866-43-0 CAPLUS
CN v-Triazolo[5,1-c][1,2,4]benzotriazine, 5-acetyl-4,5-dihydro-7-methyl-3-phenyl- (8CI) (CA INDEX NAME)

RN 15866-44-1 CAPLUS

CN v-Triazolo[5,1-c][1,2,4]benzotriazine, 4,5-diacetyl-4,5-dihydro-3-phenyl-(8CI) (CA INDEX NAME)

RN 15866-45-2 CAPLUS

CN v-Triazolo[5,1-c][1,2,4]benzotriazine, 4,5-diacetyl-4,5-dihydro-7-methyl-3-phenyl- (8CI) (CA INDEX NAME)

RN 16098-26-3 CAPLUS

CN v-Triazolo[5,1-c][1,2,4]benzotriazine, 5-acetyl-4,5-dihydro-3-phenyl-(8CI) (CA INDEX NAME)

L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1931:11374 CAPLUS

DN 25:11374

OREF 25:1246d-i,1247a-b

TI aci-Form of 1-m-dinitrophenyl-3-methyl-5-hydroxypyrazole and its amino and thio analogs

AU Rojahn, C. A.; Fegeler, Heinz

SO Berichte der Deutschen Chemischen Gesellschaft [Abteilung] B: Abhandlungen (1930), 63B, 2510-19 CODEN: BDCBAD; ISSN: 0365-9488

DT Journal

LA Unavailable

RN 858838-17-2 CAPLUS

CN Pyrazolo[5,1-c][1,2,4]benzotriazine, 4,5-dihydro-5-hydroxy-2-methyl-4-(4-methylphenyl)-7-nitro-, 5-oxide (CA INDEX NAME)

=> log y COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 49.23 227.80

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 09:16:56 ON 26 MAY 2008